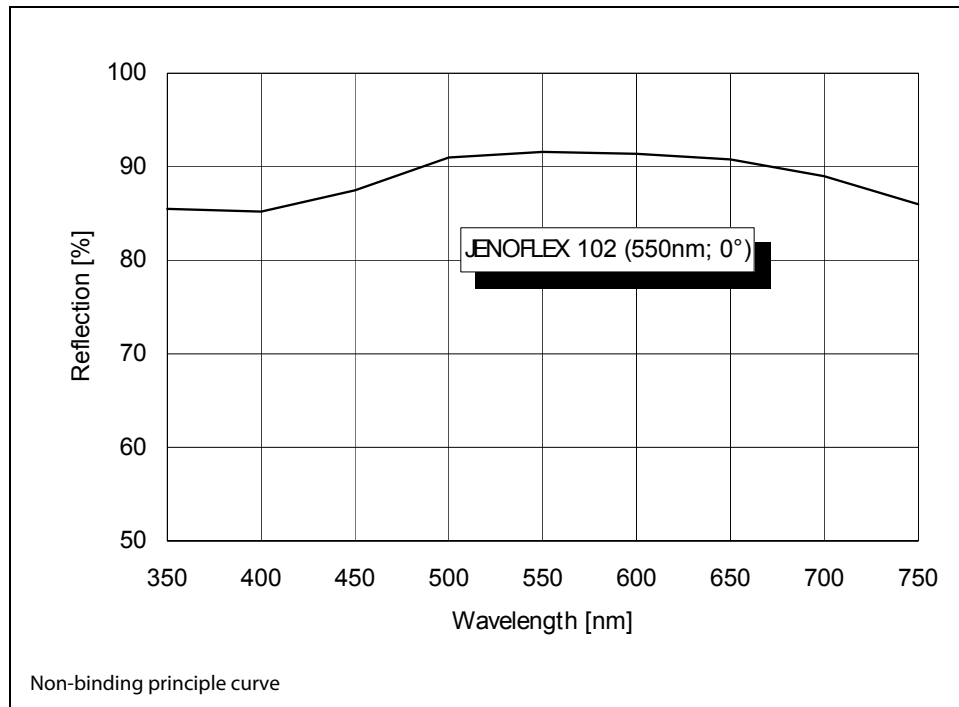


JENOFLEX 102

Extremely Resistant Aluminium Mirror for VIS



Front Surface Metallic Mirror

Optical properties:

$R_{\text{ava}} \geq 85\%$ for $400 \leq \lambda \leq 700$ nm

$R_{\text{abs}} \geq 90\%$ at the design wavelength λ

Applications:

The outstanding resistance to environmental influences allows to use JENOFLEX 102 under hard conditions which require the cleanability of the front surface mirror.

Standard design wavelengths are : 450 nm, 550 nm, 650 nm

The angle of incidence is 0° or 45° .

Durability:

Abrasion resistance: MIL-M-13508C, section 4.4.5

Adhesion: MIL-M-13508C, section 4.4.6

Temperature change: MIL-M-13508C, section 4.4.4

Humidity: MIL-M-13508C, section 4.4.7

Salt spray: MIL-M-13508C, section 4.4.8

Substrate material:

Optical glasses, e.g. BK7 or TEMPAX, are typically used.

Maximum substrate format is 340×340 mm², or a diameter of 340 mm.

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JENOFLEX 102 (wavelength; angle of incidence)